



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

**D206-642-311BL**  
**Job Sheet 171628**



Part No: D206-642-311BL

Job Qty: 1 ea

Part Name: Skidtube LH (Ael Blue)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/6/18

Job Tracking No:

Due Date: 2/9/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV Q SHEETS 29-30 IPP Rev:J 05.10.11 Added D3429-1 per CHG004 KJ/CP/JLM/EC IPP Rev:K 07-12-04 ECN 1080p DD verified by:ec IPP Rev:L 08-09-29 as per DSI9421 DD verified by:EC IPP Rev:M as per REV.N DD 10.04.19 verified by:EC IPP Rev:N 14.04.25 ECN14-520 DD verf:JLM IPP REV:O 15.10.09 ADDED BL DD VERF:JLM

Ship Via:

### Bill of Materials

### Job Routing

| Op No | Operation          | Qty   | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|--------------------|-------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                    |       |            |          | Setup hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 90    | Start up Operation | 1 Ea  | 2/9/18     | 2/9/18   | 0.00      | 0.00    | Start Up Stores/Pkg-1 | DAS       | MAR 23 2018 |
| 110   | Packaging          | 1 pcs | 2/9/18     | 2/9/18   | 0.00      | 0.00    | Packaging1-2          | 5-6       | MAR 23 2018 |
| 120   | QC                 | 1 pcs | 2/9/18     | 2/9/18   | 0.00      | 0.00    | QC4                   | 5-6       | m.l.        |
| 125   | DC                 | 1 pcs | 2/9/18     | 2/9/18   | 0.00      | 0.00    | DC                    |           | m.l.        |
| 130   | Packaging          | 1 pcs | 2/9/18     | 2/9/18   | 0.00      | 0.00    | Packaging3-1          |           | m.l.        |
| 140   | QC21-FG            | 1 Ea  | 2/9/18     | 2/9/18   | 0.00      | 0.00    | QC21                  |           |             |

Part Op 110 - Pick Kit

Descriptions: 120 - QC4- 100% Inspect kits for completeness

125 - Document Control Photocopy bluefile and create labels per PPP D206-642-311 CHG008

130 - Identify as per dwg & Stock Location: \_\_\_\_\_ Identify and pack for shipping as per PPP D206-642-311 Location:

PPP Rev: \_\_\_\_\_

140 - QC21- Final Inspection - Work Order Release

DAS

MAR 27 2018

Fg083

### Job BOM

| Part / Item    | Component Name                       | Quantity      | Operation             | Container |
|----------------|--------------------------------------|---------------|-----------------------|-----------|
| AN3-41A        | Bolt                                 | 8 Ea (8 ea)   | 90-Start up Operation | 5040201   |
| AN4-6A         | Bolt                                 | 12 Ea (12 ea) | 90-Start up Operation | 5040199   |
| AN4C5A         | Bolt                                 | 1 Ea (1 ea)   | 90-Start up Operation | 5040198   |
| AN5-10A        | Bolt                                 | 4 Ea (4 ea)   | 90-Start up Operation | 5040186   |
| AN5-11A        | Bolt                                 | 8 Ea (8 ea)   | 90-Start up Operation | 5040184   |
| AN5-12A        | Bolt                                 | 4 Ea (4 ea)   | 90-Start up Operation | 5040183   |
| D206-642-341BL | Replacement Skidtube (Fits LH or RH) | 1 Ea (1 ea)   | 90-Start up Operation |           |
| D206-648-013BL | Ground Handling Wheel Modification   | 1 Ea (1 ea)   | 90-Start up Operation | 5039986   |
| D2652          | Bushing                              | 16 Ea (16 ea) | 90-Start up Operation |           |
| D2712          | Set Screw                            | 10 Ea (10 ea) | 90-Start up Operation |           |
| D2932-1BL      | Saddle LH Out, 206                   | 1 Ea (1 ea)   | 90-Start up Operation | 5014899   |
| D2933-1BL      | Saddle LH In, 206                    | 1 Ea (1 ea)   | 90-Start up Operation | 5016626   |
| D2934          | Saddle Spacer                        | 2 Ea (2 ea)   | 90-Start up Operation | 5014623   |
| D2935          | Saddle Spacer                        | 2 Ea (2 ea)   | 90-Start up Operation | 5010433   |
| D2938-1BL      | Saddle LH Out, 206                   | 1 Ea (1 ea)   | 90-Start up Operation | 5015248   |
| D2939-1BL      | Saddle LH In, 206                    | 1 Ea (1 ea)   | 90-Start up Operation | 5016548   |
| D3407-043      | Tow Ring                             | 1 Ea (1 ea)   | 90-Start up Operation | 5013079   |

503390741

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|---------------------------------|------------------------------------|-------------------------------------|---------------------------------------|----------------------------------------|------------------------------------|---------------------------------------|--------------------------------------------|-----------------------------------|------------------------------------------|---------------------------------------------|----------------------------------------------|-------------------------------------------|------------------------------------|------------------------------------|----------------------------------------------|-------------------------------------|----------------------------------------------|-------------------------------------------|------------------------------------------------|----------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------|------------------------------------------------|------------------------------------|---------------------------------|-----------------------------------------------|-------------------------------------------------|------------------------------------------------------------|--------------------------------|----------------------------------------|-----------------------------------|--------------------------------------|-------------------------------------|----------------------------------------|---------------------------------------------|----------------------------------------------------------|----------------------------------------|--------------------------------------|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/> | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width:100%; text-align: center;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Cross tube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |                                             |                                 | Skid-tube <input type="checkbox"/> | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/>    | Engineering <input type="checkbox"/>   | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/>    | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/>  | Thermoforming <input type="checkbox"/>   | Finishing <input type="checkbox"/>          | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/>            | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/>            |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Cross tube <input type="checkbox"/>                                                                                                                                                | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Engineering <input type="checkbox"/>        |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Small Fab <input type="checkbox"/>                                                                                                                                                 | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Quality <input type="checkbox"/>            |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Thermoforming <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Finishing <input type="checkbox"/>                                                                                                                                                 | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Other <input type="checkbox"/>              |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Large Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Composite <input type="checkbox"/>                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step #: _____                                                                                                                                                                      | QTY Effective : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MRB (QSI042) Approval                       |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                    | Dispo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <b>Root Cause</b><br><table style="width:100%;"> <tr><td>Environment <input type="checkbox"/></td><td>No Re-verification <input type="checkbox"/></td></tr> <tr><td>Design <input type="checkbox"/></td><td>Operator <input type="checkbox"/></td></tr> <tr><td>Doc/Data <input type="checkbox"/></td><td>Offset/Setup <input type="checkbox"/></td></tr> <tr><td>Equip/Tooling <input type="checkbox"/></td><td>Supplier <input type="checkbox"/></td></tr> <tr><td>Handling/Pre <input type="checkbox"/></td><td>Training <input type="checkbox"/></td></tr> <tr><td>Material <input type="checkbox"/></td><td>Use for Testing <input type="checkbox"/></td></tr> <tr><td>Internal Transport <input type="checkbox"/></td><td>Poor Information <input type="checkbox"/></td></tr> <tr><td>Tribal Knowledge <input type="checkbox"/></td><td>Rushing <input type="checkbox"/></td></tr> <tr><td>LOA <input type="checkbox"/></td><td>Product Improvement <input type="checkbox"/></td></tr> <tr><td>Substation <input type="checkbox"/></td><td>Process Improvement <input type="checkbox"/></td></tr> <tr><td>Past Expiry Date <input type="checkbox"/></td><td>Manufacturing Process <input type="checkbox"/></td></tr> <tr><td>Misidentified <input type="checkbox"/></td><td>Past Due <input type="checkbox"/></td></tr> </table> |                                                                                                                                                                                    | Environment <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No Re-verification <input type="checkbox"/> | Design <input type="checkbox"/> | Operator <input type="checkbox"/>  | Doc/Data <input type="checkbox"/>   | Offset/Setup <input type="checkbox"/> | Equip/Tooling <input type="checkbox"/> | Supplier <input type="checkbox"/>  | Handling/Pre <input type="checkbox"/> | Training <input type="checkbox"/>          | Material <input type="checkbox"/> | Use for Testing <input type="checkbox"/> | Internal Transport <input type="checkbox"/> | Poor Information <input type="checkbox"/>    | Tribal Knowledge <input type="checkbox"/> | Rushing <input type="checkbox"/>   | LOA <input type="checkbox"/>       | Product Improvement <input type="checkbox"/> | Substation <input type="checkbox"/> | Process Improvement <input type="checkbox"/> | Past Expiry Date <input type="checkbox"/> | Manufacturing Process <input type="checkbox"/> | Misidentified <input type="checkbox"/> | Past Due <input type="checkbox"/> | <b>FAULT CATE</b><br><table style="width:100%;"> <tr><td>Pressure/Forced <input type="checkbox"/></td><td>Temperature/Cure <input type="checkbox"/></td></tr> <tr><td>Bending <input type="checkbox"/></td><td>Set-up <input type="checkbox"/></td></tr> <tr><td>Centre Not Concentric <input type="checkbox"/></td><td>BOM/Route <input type="checkbox"/></td></tr> <tr><td>Cracks <input type="checkbox"/></td><td>Broken/Damage/Defect <input type="checkbox"/></td></tr> <tr><td>Crimp/Kink/Ripple/Wave <input type="checkbox"/></td><td>Inspection Incomplete/Unqualified <input type="checkbox"/></td></tr> <tr><td>Cuffs <input type="checkbox"/></td><td>Contamination <input type="checkbox"/></td></tr> <tr><td>Crushing <input type="checkbox"/></td><td>Countersink <input type="checkbox"/></td></tr> <tr><td>Heat Treat <input type="checkbox"/></td><td>Cut Too Short <input type="checkbox"/></td></tr> <tr><td>Wave/Twist in Tube <input type="checkbox"/></td><td>Instructions Incomplete/Unclear <input type="checkbox"/></td></tr> <tr><td>Marks/Chatter <input type="checkbox"/></td><td>Drill Holes <input type="checkbox"/></td></tr> </table> |  |  | Pressure/Forced <input type="checkbox"/> | Temperature/Cure <input type="checkbox"/> | Bending <input type="checkbox"/> | Set-up <input type="checkbox"/> | Centre Not Concentric <input type="checkbox"/> | BOM/Route <input type="checkbox"/> | Cracks <input type="checkbox"/> | Broken/Damage/Defect <input type="checkbox"/> | Crimp/Kink/Ripple/Wave <input type="checkbox"/> | Inspection Incomplete/Unqualified <input type="checkbox"/> | Cuffs <input type="checkbox"/> | Contamination <input type="checkbox"/> | Crushing <input type="checkbox"/> | Countersink <input type="checkbox"/> | Heat Treat <input type="checkbox"/> | Cut Too Short <input type="checkbox"/> | Wave/Twist in Tube <input type="checkbox"/> | Instructions Incomplete/Unclear <input type="checkbox"/> | Marks/Chatter <input type="checkbox"/> | Drill Holes <input type="checkbox"/> |
| Environment <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | No Re-verification <input type="checkbox"/>                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Design <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Operator <input type="checkbox"/>                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Doc/Data <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Offset/Setup <input type="checkbox"/>                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Equip/Tooling <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Supplier <input type="checkbox"/>                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Handling/Pre <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Training <input type="checkbox"/>                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Material <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Use for Testing <input type="checkbox"/>                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Internal Transport <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Poor Information <input type="checkbox"/>                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Tribal Knowledge <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Rushing <input type="checkbox"/>                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| LOA <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Product Improvement <input type="checkbox"/>                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Substation <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Process Improvement <input type="checkbox"/>                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Past Expiry Date <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturing Process <input type="checkbox"/>                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Misidentified <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Past Due <input type="checkbox"/>                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Pressure/Forced <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Temperature/Cure <input type="checkbox"/>                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Bending <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Set-up <input type="checkbox"/>                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Centre Not Concentric <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BOM/Route <input type="checkbox"/>                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Cracks <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Broken/Damage/Defect <input type="checkbox"/>                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Crimp/Kink/Ripple/Wave <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Inspection Incomplete/Unqualified <input type="checkbox"/>                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Cuffs <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Contamination <input type="checkbox"/>                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Crushing <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Countersink <input type="checkbox"/>                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Heat Treat <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Cut Too Short <input type="checkbox"/>                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Wave/Twist in Tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Instructions Incomplete/Unclear <input type="checkbox"/>                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Drill Holes <input type="checkbox"/>                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                    | <table style="width:100%;"> <tr><td><input type="checkbox"/></td><td>Positioned Wrong</td></tr> <tr><td><input type="checkbox"/></td><td>Outside Dimensions</td></tr> <tr><td><input type="checkbox"/></td><td>Over/Under tolerance</td></tr> <tr><td><input type="checkbox"/></td><td>Part Incorrect</td></tr> <tr><td><input type="checkbox"/></td><td>Part Lost/Missing</td></tr> <tr><td><input type="checkbox"/></td><td>Part Moved</td></tr> <tr><td><input type="checkbox"/></td><td>Drawing</td></tr> <tr><td><input type="checkbox"/></td><td>Finish</td></tr> <tr><td><input type="checkbox"/></td><td>Misread</td></tr> <tr><td><input type="checkbox"/></td><td>Turning Sequence</td></tr> </table>                                                                                                                                               |                                             |                                 | <input type="checkbox"/>           | Positioned Wrong                    | <input type="checkbox"/>              | Outside Dimensions                     | <input type="checkbox"/>           | Over/Under tolerance                  | <input type="checkbox"/>                   | Part Incorrect                    | <input type="checkbox"/>                 | Part Lost/Missing                           | <input type="checkbox"/>                     | Part Moved                                | <input type="checkbox"/>           | Drawing                            | <input type="checkbox"/>                     | Finish                              | <input type="checkbox"/>                     | Misread                                   | <input type="checkbox"/>                       | Turning Sequence                       |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positioned Wrong                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Outside Dimensions                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Over/Under tolerance                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Part Incorrect                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Part Lost/Missing                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Part Moved                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drawing                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Finish                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Misread                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
| <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Turning Sequence                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                    | OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                             |                                 |                                    |                                     |                                       |                                        |                                    |                                       |                                            |                                   |                                          |                                             |                                              |                                           |                                    |                                    |                                              |                                     |                                              |                                           |                                                |                                        |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |  |                                          |                                           |                                  |                                 |                                                |                                    |                                 |                                               |                                                 |                                                            |                                |                                        |                                   |                                      |                                     |                                        |                                             |                                                          |                                        |                                      |

**DART AEROSPACE**  
 Container No: S054212  
 Part: D206 - 642 - 311BL  
 Job No: 171628  
 Serial No/Batch: S054212  
 Revision:  
 Inspector:

Date: 03/23/18

DART Aerospace Ltd.  
 1270 Aberdeen Street  
 Hawkesbury, ON K6A 1K7  
 CANADA  
 TEL.: 1 613 532 - 5200  
 Email: sales@dartaero.com  
 www.dartaerospace.com

Completed By \_\_\_\_\_

Lead hand / Supervisor Approval Verification \_\_\_\_\_

QC / QA Coordinator Approval \_\_\_\_\_



|               |        |               |                       |         |
|---------------|--------|---------------|-----------------------|---------|
| D3413-1BL     | O-Ring | 1 Ea (1 ea)   | 90-Start up Operation |         |
| D3456-1       | Washer | 1 Ea (1 ea)   | 90-Start up Operation | 5040166 |
| D3457-1       | Washer | 2 Ea (2 ea)   | 90-Start up Operation | 5040164 |
| MS21042L3     | Nut    | 8 Ea (8 ea)   | 90-Start up Operation | 5040163 |
| MS21042L4     | Nut    | 12 Ea (12 ea) | 90-Start up Operation | 5040159 |
| MS21043-4     | Nut    | 1 Ea (1 ea)   | 90-Start up Operation | 5040157 |
| NAS1149C0463R | Washer | 1 Ea (1 ea)   | 90-Start up Operation | 5040156 |
| NAS1149D0363J | Washer | 8 Ea (8 ea)   | 90-Start up Operation | 5040153 |
| NAS1149D0463J | Washer | 25 Ea (25 ea) | 90-Start up Operation | 5040151 |
| NAS1149D0563J | Washer | 8 Ea (8 ea)   | 90-Start up Operation | 5040149 |

### Job Allocations

| Operation             | Component Part | Required | Inventory | Allocated |
|-----------------------|----------------|----------|-----------|-----------|
| 90-Start up Operation | AN3-41A        | 8        | 311       | 0         |
|                       | AN4-6A         | 12       | 511       | 0         |
|                       | AN4C5A         | 1        | 95        | 0         |
|                       | AN5-10A        | 4        | 241       | 0         |
|                       | AN5-11A        | 8        | 276       | 0         |
|                       | AN5-12A        | 4        | 420       | 0         |
|                       | D206-642-341BL | 1        | 2         | 0         |
|                       | D206-648-013BL | 1        | 0         | 0         |
|                       | D2652          | 16       | 500       | 0         |
|                       | D2712          | 10       | 421       | 0         |
|                       | D2932-1BL      | 1        | 9         | 0         |
|                       | D2933-1BL      | 1        | 9         | 0         |
|                       | D2934          | 2        | 18        | 0         |
|                       | D2935          | 2        | 10        | 0         |
|                       | D2938-1BL      | 1        | 9         | 0         |
|                       | D2939-1BL      | 1        | 9         | 0         |
|                       | D3407-043      | 1        | 12        | 0         |
|                       | D3413-1BL      | 1        | 1         | 0         |
|                       | D3456-1        | 1        | 113       | 0         |
|                       | D3457-1        | 2        | 45        | 0         |
|                       | MS21042L3      | 8        | 4,017     | 0         |
|                       | MS21042L4      | 12       | 2,087     | 0         |
|                       | MS21043-4      | 1        | 1,397     | 0         |
|                       | NAS1149C0463R  | 1        | 229       | 0         |
|                       | NAS1149D0363J  | 8        | 3,757     | 0         |
|                       | NAS1149D0463J  | 25       | 3,564     | 0         |
|                       | NAS1149D0563J  | 8        | 1,555     | 0         |

### Part Specifications

Specifications could not be found.

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|------------------------------------|------------------------------------|--------------------------------------------|----------------------------------|----------------------------------------|------------------------------------|----------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-----------------------------------|--|
| Work Order: _____<br><br>Part No. _____<br><br>NCR No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/><br>Suspected Unapproved <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                      |                                      | <b>AGAINST DEPARTMENT/PROCESS</b><br><br><table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube <input type="checkbox"/></td> <td style="border: none;">Cross tube <input type="checkbox"/></td> <td style="border: none;">Water Jet <input type="checkbox"/></td> <td style="border: none;">Engineering <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Machining <input type="checkbox"/></td> <td style="border: none;">Small Fab <input type="checkbox"/></td> <td style="border: none;">Prod. Eng. Coord. <input type="checkbox"/></td> <td style="border: none;">Quality <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Thermoforming <input type="checkbox"/></td> <td style="border: none;">Finishing <input type="checkbox"/></td> <td style="border: none;">Rec/Store/Packaging <input type="checkbox"/></td> <td style="border: none;">Other <input type="checkbox"/></td> </tr> <tr> <td style="border: none;">Large Fab <input type="checkbox"/></td> <td style="border: none;">Composite <input type="checkbox"/></td> <td style="border: none;">Supplier <input type="checkbox"/></td> <td></td> </tr> </table> |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  | Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/> | Engineering <input type="checkbox"/> | Machining <input type="checkbox"/> | Small Fab <input type="checkbox"/> | Prod. Eng. Coord. <input type="checkbox"/> | Quality <input type="checkbox"/> | Thermoforming <input type="checkbox"/> | Finishing <input type="checkbox"/> | Rec/Store/Packaging <input type="checkbox"/> | Other <input type="checkbox"/> | Large Fab <input type="checkbox"/> | Composite <input type="checkbox"/> | Supplier <input type="checkbox"/> |  |
| Skid-tube <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Cross tube <input type="checkbox"/> | Water Jet <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Engineering <input type="checkbox"/> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Machining <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Small Fab <input type="checkbox"/>  | Prod. Eng. Coord. <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Quality <input type="checkbox"/>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Thermoforming <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Finishing <input type="checkbox"/>  | Rec/Store/Packaging <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Other <input type="checkbox"/>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Large Fab <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Composite <input type="checkbox"/>  | Supplier <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Date :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                     | Step #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                      | QTY Effective :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MRB (QSI042) Approval |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       | Completed By                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Root Cause                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      | FAULT CATEGORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| Environment <input type="checkbox"/><br>Design <input type="checkbox"/><br>Doc/Data <input type="checkbox"/><br>Equip/Tooling <input type="checkbox"/><br>Handling/Pre <input type="checkbox"/><br>Material <input type="checkbox"/><br>Internal Transport <input type="checkbox"/><br>Tribal Knowledge <input type="checkbox"/><br>LOA <input type="checkbox"/><br>Substation <input type="checkbox"/><br>Past Expiry Date <input type="checkbox"/><br>Misidentified <input type="checkbox"/> |                                     | No Re-verification <input type="checkbox"/><br>Operator <input type="checkbox"/><br>Offset/Setup <input type="checkbox"/><br>Supplier <input type="checkbox"/><br>Training <input type="checkbox"/><br>Use for Testing <input type="checkbox"/><br>Poor Information <input type="checkbox"/><br>Rushing <input type="checkbox"/><br>Product Improvement <input type="checkbox"/><br>Process Improvement <input type="checkbox"/><br>Manufacturing Process <input type="checkbox"/><br>Past Due <input type="checkbox"/> |                                      | Pressure/Forced <input type="checkbox"/><br>Bending <input type="checkbox"/><br>Centre Not Concentric <input type="checkbox"/><br>Cracks <input type="checkbox"/><br>Crimp/Kink/Ripple/Wave <input type="checkbox"/><br>Cuffs <input type="checkbox"/><br>Crushing <input type="checkbox"/><br>Heat Treat <input type="checkbox"/><br>Wave/Twist in Tube <input type="checkbox"/><br>Marks/Chatter <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | Temperature/Cure <input type="checkbox"/><br>Set-up <input type="checkbox"/><br>BOM/Route <input type="checkbox"/><br>Broken/Damage/Defect <input type="checkbox"/><br>Inspection Incomplete/Unqualified <input type="checkbox"/><br>Contamination <input type="checkbox"/><br>Countersink <input type="checkbox"/><br>Cut Too Short <input type="checkbox"/><br>Instructions Incomplete/Unclear <input type="checkbox"/><br>Drill Holes <input type="checkbox"/> |                       | Power Loss/Surge <input type="checkbox"/><br>Folio/Program <input type="checkbox"/><br>Grain <input type="checkbox"/><br>Weld <input type="checkbox"/><br>Wrong Stock Pulled <input type="checkbox"/><br>Out of Sequence <input type="checkbox"/><br>Off-set <input type="checkbox"/><br>Misabeled <input type="checkbox"/><br>Fit/Function <input type="checkbox"/><br>Misaligned/off center <input type="checkbox"/> |  | Positioned Wrong <input type="checkbox"/><br>Outside Dimensions <input type="checkbox"/><br>Over/Under tolerance <input type="checkbox"/><br>Part Incorrect <input type="checkbox"/><br>Part Lost/Missing <input type="checkbox"/><br>Part Moved <input type="checkbox"/><br>Drawing <input type="checkbox"/><br>Finish <input type="checkbox"/><br>Misread <input type="checkbox"/><br>Turning Sequence <input type="checkbox"/> |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |
| OTHER : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                                                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                                    |                                      |                                    |                                    |                                            |                                  |                                        |                                    |                                              |                                |                                    |                                    |                                   |  |

Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200



## Master Unit 000614

| Containers on Master Unit 000614 |                |                  |           |          |
|----------------------------------|----------------|------------------|-----------|----------|
| Serial No                        | Part No        | Customer Part No | Status    | Quantity |
| S040201                          | AN3-41A        | AN3-41A          | Allocated | 8        |
| S040199                          | AN4-6A         | AN4-6A           | Allocated | 12       |
| S040198                          | AN4C5A         | AN4C5A           | Allocated | 1        |
| S040186                          | AN5-10A        | AN5-10A          | Allocated | 4        |
| S040184                          | AN5-11A        | AN5-11A          | Allocated | 8        |
| S040183                          | AN5-12A        |                  | Allocated | 4        |
| S040180                          | D206-648-013BL |                  | Allocated | 1        |
| S040179                          | D2652          | D2652            | Allocated | 16       |
| S040178                          | D2712          | D2712            | Allocated | 10       |
| S040176                          | D2932-1BL      |                  | Allocated | 1        |
| S040175                          | D2933-1BL      |                  | Allocated | 1        |
| S040174                          | D2934          | D2934            | Allocated | 2        |
| S010433                          | D2935          |                  | Allocated | 2        |
| S040172                          | D2938-1BL      |                  | Allocated | 1        |
| S040171                          | D2939-1BL      |                  | Allocated | 1        |
| S040169                          | D3407-043BL    | D3407-043BL      | Allocated | 1        |
| S040166                          | D3456-1        | D3456-1          | Allocated | 1        |
| S040164                          | D3457-1        | D3457-1          | Allocated | 2        |
| S040163                          | MS21042L3      | MS21042L3        | Allocated | 8        |
| S040159                          | MS21042L4      | MS21042L4        | Allocated | 12       |
| S040157                          | MS21043-4      | MS21043-4        | Allocated | 1        |
| S040156                          | NAS1149C0463R  | NAS1149C0463R    | Allocated | 1        |
| S040153                          | NAS1149D0363J  | NAS1149D0363J    | Allocated | 8        |
| S040151                          | NAS1149D0463J  | NAS1149D0463J    | Allocated | 25       |
| S040149                          | NAS1149D0563J  | NAS1149D0563J    | Allocated | 8        |

D3413-1 5048855 1x

D206-642-341BL 5033907 1x